

Air conditioning system for a vehicle seat

An air conditioning system for a vehicle seat (1) which comprises a mounting frame (28a, b), seat surface (2), and seat back (3) has an air-permeable padded element (30a, b) which rests on this mounting frame (28a, b), this padded element being provided with an electric heating element (5) and in its lower section being provided with air inlet means (4a, b) which conduct air to the air-permeable padded element. The air conditioning system further comprises an air conditioning unit (7), an air tube (6) which connects the air conditioning unit to the air inlet means, means for supplying electrical power to the electric heating element (5) until the temperature of the padded element (30a, b) has reached a first specified value, and valve means (16 through 21) which close the air tube (6) when the temperature of the padded element has reached a second specified value which is higher than the first value, and which open the air tube when the temperature of the padded element has dropped below this second specified value.